

Claims

1. Relay with two parallel contact springs which each close or interrupt the electric circuit between a first and a second relay contact and whose one end is connected in a conducting fashion with the first relay contact and whose other free end closes or interrupts the electric circuit in a first end position and a second end position of the contact springs, respectively, and with an armature which can be adjusted by means of a magnetic field, whose poles can be changed, for deflecting the contact springs into the respective end position, wherein a leaf spring is centrally pivotably disposed on the armature or its actuator whose two free ends bias the two contact springs with force into the first end position.
2. Relay according to claim 1, wherein the free ends of the leaf spring are arc-shaped.
3. Relay according to claim 1, wherein the leaf spring is clamped on the armature or on the actuator.
4. Relay according to claim 1, wherein the leaf spring is formed of electrically conducting material.
5. Relay according to claim 1, wherein the two contact springs are formed in one piece.
6. Relay according to claim 1, wherein the two contact springs are formed as separate leaf springs.
7. Relay according to claim 1, wherein the actuator is linearly displaceably disposed approximately in the deflecting direction of the contact springs.
8. Relay with two parallel contact springs which each close or interrupt the electric circuit between a first and a second relay contact and whose one end is connected in a conducting fashion with the first relay contact and whose other free end closes or interrupts the electric circuit in a first end position and a second end position of the contact springs, respectively, and with an armature which can be adjusted by means of a magnetic field, whose poles can be changed, for deflecting the contact springs into the respective end position, wherein a leaf spring is centrally pivotably disposed on the armature or its

actuator whose two free ends bias the two contact springs with force into the first end position and wherein the contact springs are directly coupled with the armature or the actuator in the opening direction of the relay and are motionally coupled in the closing direction of the relay with the armature or the actuator via the leaf spring.

9. Relay according to claim 8, wherein the free ends of the leaf spring are arc-shaped.
10. Relay according to claim 8, wherein the leaf spring is clamped on the armature or on the actuator.
11. Relay according to claim 8, wherein the leaf spring is formed of electrically conducting material.
12. Relay according to claim 8, wherein the two contact springs are formed in one piece.
13. Relay according to claim 8, wherein the two contact springs are formed as separate leaf springs.
14. Relay according to claim 8, wherein the actuator is linearly displaceably disposed approximately in the deflecting direction of the contact springs.
15. Relay according to claim 8, wherein the free ends of the leaf spring are arc-shaped, wherein the leaf spring is clamped on the armature or on the actuator, wherein the leaf spring is formed of electrically conducting material, wherein the two contact springs are formed in one piece and wherein the actuator is linearly displaceably disposed approximately in the deflecting direction of the contact springs.